AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system, the radio packet communication system constituted by a plurality of radio stations and having a plurality of radio channels, wherein each radio station belongs to a single radio link and a plurality of mobile radio stations belonging to a particular radio link communicate with other radio stations in that particular radio link using a single radio channel, said mobile radio communication apparatus comprising:

means for registering ~~storing~~ a remote radio channel used by a remote mobile radio station and an address of said remote mobile radio station, wherein said remote mobile radio station belongs to a different radio link from said apparatus;

means for selecting a radio channel ~~that is registered and used by a destination radio station identified by~~ based on an address of a destination mobile radio station identified in a packet to be transmitted; and

means for transmitting the packet by using the selected radio channel,

wherein if the ~~radio channel used by the~~ destination mobile radio station is a remote mobile radio station and the remote radio channel is registered, ~~for the packet to be transmitted is stored,~~ the ~~packet is transmitted by using~~selected radio channel is the remote radio channel ~~used by the destination radio station~~.

2. (Currently amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet

communication system according to claim 1, characterized in that if the radio channel used by the destination mobile radio station for the packet to be transmitted is not registered, the packet is transmitted by using a radio channel used by the apparatus.

3. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 1, characterized by further comprising means for, when the selected radio channel differs from a radio channel which the apparatus uses for data reception, notifying that the apparatus cannot receive any packet, transmitting the packet by using the selected radio channel, and then notifying that the apparatus can receive a packet.

4. (Currently amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 1, further comprising:

a ~~self-station~~ channel transmission/reception section and a remote channel transmission/reception section for transmitting and ~~/~~receiving the packet.

5. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 1, characterized by further comprising means for searching for a radio channel used by a destination mobile radio station and registering the found radio channel.

6. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 5, characterized in that

said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting~~/~~ and receiving a control packet at the time of a radio channel search.

7. (Canceled).

8. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 2, ~~characterized by~~ further comprising:

a ~~self-station~~ channel transmission/reception section and a remote channel transmission/reception section ~~as means~~ for transmitting~~/~~ and receiving the packet.

9. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 2, characterized by further comprising means for searching for a radio channel used by a destination mobile radio station and registering the found radio channel.

10. (Currently amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim ~~3~~1, characterized by further comprising means for searching for a radio channel used by a destination mobile radio station and registering the found radio channel.

11. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet

communication system according to claim 4, characterized by further comprising means for searching for a radio channel used by a destination radio station and registering the found radio channel.

12. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 9, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting~~/~~ and receiving a control packet at the time of a radio channel search.

13. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 10, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting~~/~~ and receiving a control packet at the time of a radio channel search.

14. (Currently Amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet communication system according to claim 11, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting~~/~~ and receiving a control packet at the time of a radio channel search.

15. (Currently amended) A mobile radio communication apparatus for use in a mobile radio station operating in a radio packet

communication system, wherein the radio packet communication system ~~that~~ comprises a plurality of radio stations and having a plurality of radio channels, wherein each radio station belongs to a single radio link and a plurality of mobile radio stations belonging to a particular radio link communicate with other radio stations in that particular radio link using a single radio channel, wherein said mobile radio communication apparatus comprises:

a channel registration section that stores an address of a remote mobile radio station and an associated radio channel used by said remote mobile radio station, wherein said remote mobile radio station belongs to a different radio link from said apparatus;

a channel control section that selects a radio channel corresponding to a destination mobile radio station address in a packet to be transmitted; and

a radio transceiver that transmits the packet using the selected radio channel if said destination mobile radio station address is stored.